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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/288,109	04/08/1999	KOICHI SATO	P17387	7068

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EXAMINER

NGUYEN, LUONG TRUNG

ART UNIT	PAPER NUMBER
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2612

DATE MAILED: 01/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/288,109

Applicant(s)

SATO, KOICHI

Examiner

LUONG T NGUYEN

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 April 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: .

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Objections

2. Claims 16-18 are objected to because of the following informalities:

Claim 16 (lines 17-18), "said printing switch" should be changed to --said print start switch--.

Claims 17-18 are objected as being dependent on claim 16.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-7, 18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 (line 6), claim 5 (line 2) recite the limitation "said" in "said image".

Claim 18 (lines 3-4) recites the limitation "said" in "said printing operation start mechanism".

Claim 18 (lines 4-5) recites the limitation "said" in "said image data generating start mechanism".

Claims 2-7 are rejected as being dependent on claim 1.

There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-¹⁸~~8~~ are rejected under 35 U.S.C. 102(b) as being anticipated by Nakamura (US 4,942,477).

Regarding claim 1, Nakamura discloses a still video camera (optical device 1, figure 1, column 3, lines 5-10) connectable to a printer (printer 12, figure 1) provided with a printing operation start mechanism (first push-button 13, figure 1, column 3, lines 41-45), comprising an image data generating processor that performs (controller 10, figure 1, column 3, lines 32-35), in a photography mode, a photographing operation in which image data is generated according to said image formed by an optical system (lens 3, figure 1, column 3, lines 17-20); an image data generating start mechanism (second push-button switch 28, figure 1, column 3, lines 24-28); an image data transmitting processor (controller 10 and signal cable 11, figure 1, column 3, lines 35-42, column 4, lines 13-15) that transmits, in a reproduction mode, said image data to

said printer; said image data generating processor being activatable in said photography mode, by said printing operation start mechanism (first push-button 13, figure 1, column 3, lines 41-45); and said image data transmitting processor being activatable, in said reproduction mode by said image data generating start mechanism, so that said printer carries out said printing operation (the second push-button switch 28 determines a timing at which a picture image is to be taken out and instructing the printer device 12 prints a hard copy, figure 1, column 3, lines 24-56).

Regarding claim 2, Nakamura discloses a release switch (second push-button switch 28, figure 1, column 3, lines 24-28).

Regarding claims 3 and 11, Nakamura discloses wherein, in said photography mode, said photographing operation is performed in accordance with a first operation of one of said printing start mechanism and said image data generating start mechanism (second push-button switch 28 is used for capturing image, figure 1, column 3, lines 24-28), and after said photographing operation, an image is printed by the printer (column 3, lines 45-50).

Regarding claims 4 and ¹²~~11~~, Nakamura discloses wherein said first operation is a continuous operation over a predetermined period of one of said printing operation start mechanism and said image data generating start mechanism (the second push-button

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switch 28 determines a timing at which a picture image is to be taken out, figure 1, column 3, lines 24-56).

Regarding claims 5 and 13, Nakamura discloses wherein, in said reproduction mode, said image is printed by said printer in accordance with a second operation of one of said printing operation start mechanism and said image data generating start mechanism (the second push-button switch 28 instructs the printer device 12 prints a hard copy, figure 1, column 3, lines 24-28, lines 42-45, lines 51-53).

Regarding claim 6, Nakamura discloses wherein, in said photography mode, said photographing operation is performed in accordance with a second operation of one of said printing start mechanism and said image data generating start mechanism (second push-button switch 28 is used for capturing image, figure 1, column 3, lines 24-28), said reproduction mode (printing operation) being subsequent to said photographing operation (column 3, lines 45-50).

Regarding claims 7 and 14, Nakamura discloses wherein said second operation is a single operation of less than a predetermine period of one of said printing operation start mechanism and said image data generating start mechanism (the second push-button switch 28 determines a timing at which a picture image is to be taken out and instructing the printer device 12 prints a hard copy, figure 1, column 3, lines 24-56).

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Regarding claim 8, Nakamura discloses a printer (printer 12, figure 1) connectable to a still video camera (optical device 1, figure 1, column 3, lines 5-10), said printer comprising an image data receiving processor that receives said image data from said still video camera (inherently included in printer device 12, figure 1, column 3, lines 35-41); a printer processor that prints the image (column 3, lines 40-45); a printing operation start mechanism that activates the printing processor, said still video camera being activatable by said printing operation start mechanism in said photography mode to perform the photographing operation (first push-button 13, figure 1, column 3, lines 24-56).

Regarding claim 9, Nakamura discloses wherein said printing processor is activatable, in said reproduction mode, by an image data generating start mechanism (second push-button switch 28, figure 1, column 3, lines 24-28) of an image data generating processor (controller 10, figure 1, column 3, lines 32-35) provided in said still video camera to perform said photographing operation (the second push-button 28 instructs a printing operation, figure 1, column 3, lines 24-28, lines 41-45, lines 51-55).

Regarding claim 10, Nakamura discloses wherein said printing operation start mechanism comprises a print start switch depressable to activate a printing operation (first push-button 13, figure 1, column 3, lines 24-56).

Regarding claim 15, Nakamura discloses an image indicating monitor (indicating device 15, figure 1, column 3, lines 45-48).

Regarding claim 16, all the limitations are contained in claims 1, 3. Therefore, see Examiner's comment regarding claims 1, 3.

Regarding claim 17, see Examiner's comment regarding claims 4 and 7.

Regarding claim 18, see Examiner's comment regarding claim 6.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Finelli et al. (US 4,937,676) discloses an electronic camera system with detachable printer.

Tsuboi et al. (US 5,499,113) disclose image data processing system with still video camera and digital image forming apparatus.

Maeda et al. (US 5,606,420) disclose camera system including a camera section and a reproduction section.

Watanabe et al. (US 5,835,136) disclose electronic printer camera.

Bobry (US 6,229,565) discloses hand-held electronic camera with integral printer.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **LUONG T NGUYEN** whose telephone number is **(703) 308-9297**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Wendy Garber** can be reached on **(703) 305-4929**.

Any response to this action should be mailed to:

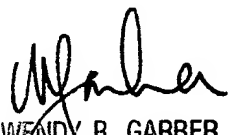
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Or faxed to : (703) 872-9314

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 whose telephone number is (703) 306-0377.

LN LN
January 24, 2003


WENDY R. GARBER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600